



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBW6405G08732-3G-PO
Job Sheet 192847



Part No: RBW6405G08732-3G-PO **Job Qty:** 2 pcs

Part Name: Tail Rotor Bushing Removal Tool



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 4/2/19

Job Tracking No:

Due Date: 6/11/19

Created By: Patrick Lussier

Type: Stock

Description:

Note: DWG RBW6405G08732-3G Rev.F IPP Rev. A 18.10.23 New issue DP Verify DD/IPP Rev. B 19.03.29 drawing revision DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	2 pcs	6/11/19		0.00	0.00	Purchasing - 1		MAY 2 1 2019
							Purchasing - 2		
							Purchasing - 3		
110	Packaging 2-1 - Receive - B4B	2 pcs	6/11/19		0.00	0.00	Packaging 2 - 1 - B4B		MAY 2 1 2019
							Packaging 2 - 2 - B4B		
							Packaging 2 - 3 - B4B		
							Packaging 2 - 5 - B4B		
							Packaging 2 - 4 - B4B		
							Packaging 2 - 6 - B4B		
							Packaging 2 - 7 - B4B		
							Packaging 2 - 8 - B4B		
							Packaging 2 - 9 - B4B		
							Packaging 2 - 10 - B4B		
							Packaging 2 - 11 - B4B		
							Packaging 2 - 12 - B4B		
							Packaging 2 - 13 - B4B		
							Packaging 2 - 14 - B4B		
							Packaging 2 - 15 - B4B		
							Packaging 2 - 16 - B4B		
							Packaging 2 - 17 - B4B		
							Packaging 2 - 18 - B4B		
							Packaging 2 - 19 - B4B		
							Packaging 2 - 20 - B4B		
							Packaging 2 - 21 - B4B		
							Packaging 2 - 22 - B4B		
							Packaging 2 - 23 - B4B		
							Packaging 2 - 24 - B4B		
							Packaging 2 - 25 - B4B		
							Packaging 2 - 26 - B4B		
							Packaging 2 - 27 - B4B		

Dart Aerospace Ltd.
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CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com



Container No: S182427



Part: RBW6405G08732-3G

Job No: 192847

Serial No/Batch: S182427

Revision: F

Inspector:

Exp Date:

Instructions:

Date: 05/21/19

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					Packaging 2 - 28 - B4B	
					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
120 QC 6	2 pcs	6/11/19	0.00 0.00		QC 6 - 9	MAY 30 2019 DAS 40 9-89
					QC 6 - 68	
					QC 6 - 61	
130 Packaging 3-1 - Stock - B4B	2 pcs	6/11/19	0.00 0.00		Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
140 QC 21 - FG	2 pcs	6/11/19	0.00 0.00		QC 21 - FG - 21	DAS 21 9-89 MAY 31 2019
					QC 21 - FG - 70	
					QC 21 - FG - 53	

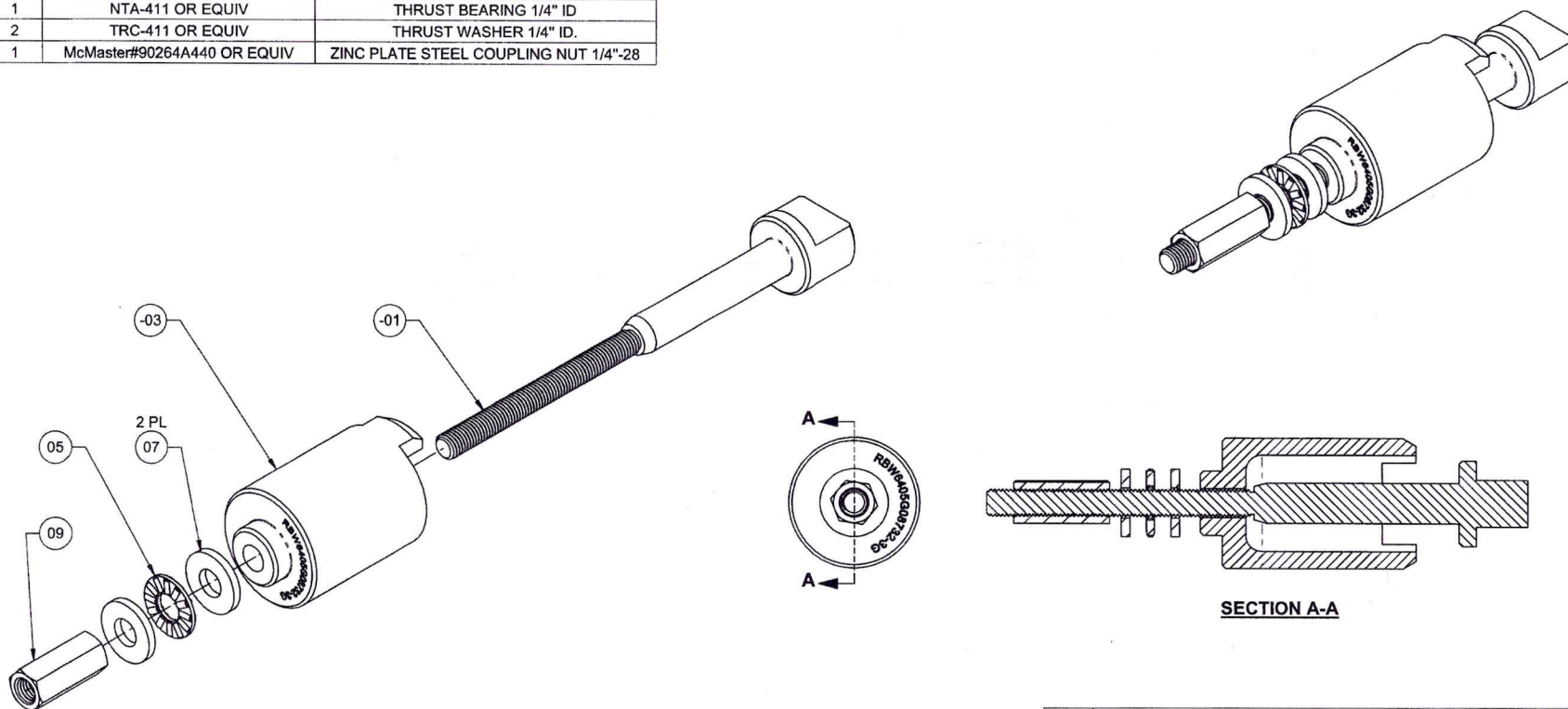
Part Op 100 - Issue P/O: 043060 MANUFACTURE RBW6405G08732-3G AS PER DWG Supplier: ARROW TECH MACHINE
 Descriptions: WORKS Certificate of conformity is required
 110 - (Receive & Inspect for Damage & Mat'l Certs)
 120 - (QC6- All purchased or subcontracted products)
 130 - (Identify as per dwg & Stock Location: _____)
 140 - (QC21- Final Inspection - Work Order Release)

x2 Rluu APR 21 2019

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
RBW6405G08732-3GP	Tail Rotor Bushing Removal Tool	2 Ea (1 ea)	100-Purchasing	5182425
Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	RBW6405G08732-3GP	2	0	0
Part Specifications				
Specifications could not be found.				

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ITEM #	QTY	PART #	PART TITLE
-01	1	RBW6405G08732-3G-01	EXTRACTOR ROD
-03	1	RBW6405G08732-3G-03	RECEIVER
05	1	NTA-411 OR EQUIV	THRUST BEARING 1/4" ID
07	2	TRC-411 OR EQUIV	THRUST WASHER 1/4" ID.
09	1	McMaster#90264A440 OR EQUIV	ZINC PLATE STEEL COUPLING NUT 1/4"-28



RBW6405G08732-3G T/R BUSHING REMOVAL TOOL

NOTES:

- 1) MATERIAL: N/A
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = $\pm 0.1"$ / $\pm 1^\circ$
X.XX = $\pm 0.01"$ / $\pm 0.5^\circ$
X.XXX = $\pm 0.005"$ / $\pm 0.1^\circ$
X.XXXX = $\pm 0.0005"$ / $\pm 0.05^\circ$
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = $\pm 0.005"$
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) IDENTIFICATION: N/A
- 7) ASSEMBLE AS SHOWN
- 8) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

F		SEE PREVIOUS PDF FOR OLDER REV TEMPLATE AND NOTES UPDATED ITEM 09 WAS MSC#64828082 IS McMaster#90264A440 ITEM -03 FINISH WAS CLEAR ANODIZE IS RED ANODIZE, ENGRAVING MODIFIED, MATERIAL WAS 7075 IS 6061/T075, ENGRAVING MODIFIED, DIMENSIONS CHANGED ITEM -01 MATERIAL WAS 4140/4142 Q&T IS 4140 (28-32 Rc), FINISH WAS ZINC PLATE IS BLACK OXYDE, ENGRAVING REMOVED, THREAD RELIEF ADDED, R0.008 MAX ADDED, NOTES ADDED ITEM 05 AND 07 DESCRIPTION UPDATED	19-587	VM
REV.	DESCRIPTION		ECN #	BY
DESIGN	VM	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
DRAWN	VM	TOOL PART # RBW6405G08732-3G REV F		
CHECKED	VM	SHEET 1 OF 3		
MFG. APPR.	FK	TITLE T/R BUSHING REMOVAL TOOL SCALE		
APPROVED		NTS		
DATE 2/14/2019		COPYRIGHT © 2019 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.		



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO043060



Supplier: MEM001-VC
Metec Metal Technology Inc.
20 Terry Fox Drive PO Box 781
Vankleek Hill
ON
K0B 1R0 Canada
Phone: 613 678 3957
Fax: 613 678 3956

Attention: Walz, Shigi

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO043060
PO Date: 4/2/19
Due Date: 6/11/19
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Phone:

Via: Ground
Pymt Terms: Net 60
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	192847	RBW6405G08732-3GP			Tail Rotor Bushing Removal Tool RBW6405G08732-3G REV F	Firmed	-	6/11/19	2 Ea	0 Ea	2 Ea	\$770.00/Ea	\$1,540.00
							2 x	MAY 21 2019					
2	192848	RBW6405G08832-3GP			Tail Rotor Bushing Install Tool As Per Dwg RBW6405G08832-3G REV D	Firmed	-	6/11/19	1 Ea	0 Ea	1 Ea	\$796.00/Ea	\$796.00
							1 x	MAY 21 2019					
Grand Total:													\$2,336.00

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses

- A005 RIGHT OF ENTRY
- A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)
- A012 CHEMICAL AND PHYSICAL TEST REPORTS
- A016 PERSONNEL QUALIFICATION
- A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
- A026 CERTIFICATION OF MATERIAL CONFORMANCE
- A041 QUALITY MANAGEMENT SYSTEM
- A042 DART NOTIFICATION BY SUPPLIER
- A043 RETENTION OF QUALITY DOCUMENT
- A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
- A049 SUPPLIER AWARENESS

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Packing List

Bill Dart Aerospace Ltd.
To: 1270 Aberdeen Street
 Hawkesbury, ON K6A 1K7
 Canada

Ship Dart Aerospace Ltd.
To: 1270 Aberdeen Street
 Hawkesbury, ON K6A 1K7
 Canada

Shipment No: 25209
Shipment Date: 13-May-2019
Ship Via: Pick up at METEC
Order Number: 3700
Order Date: 04/03/19

Customer Code: DART
Phone: (613) 632-9577
PO Number: PO043060 ✓
Terms: Net 60 Days

----- Quantity -----									
Item	Open	Shipped	B/O	Canceled	Unit	Description	Revision	Job Number	
1	2	2 ✓	0	0	EA	✓ RBW6405G08732-3GP Tail Rotor Bushing Removal Tool	E	3700-01	DAS 40 9-89
2	1	1 ✓	0	0	EA	✓ RBW6405G08832-3GP Tail Rotor Bushing Install Tool	D	3700-02	

RECEIVED

MAY 17 2019

DART AEROSPACE LTD.

The delivered goods must be inspected upon receipt to confirm compliance. Should there be discrepancies please notify METEC within 30 days of delivery. The goods are otherwise deemed accepted.

Received In Good Order By
 Dart Aerospace Ltd.



20 Terry Fox Drive, Vankleek Hill, Ontario K0B 1R0

Tel. (613) 678-3957 & (613) 678-2782 Fax (613) 678-3956 metec@metec.ca

CERTIFICATE OF CONFORMITY

SOLD TO:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, Ont.
K6A 1K7

SHIPPED TO:

same

Quantity	Part Number	Part Name	Dwg Rev.#	P.O. Number
2 ✓	RBW6405G08732-3GP ✓	Tail Rotor Bushing Removal Tool	E	43060 ✓
1 ✓	RBW6405G08832-3GP ✓	Tail Rotor Bushing Install Tool	D	43060 ✓

MATERIAL: supplied by METEC

DAS
40
9-89

We hereby certify that the above parts were made in conformance with applicable drawings.

METEC Metal Technology Inc.

George Theoret

Vankleek Hill, May 13, 2019